

Practitioner's Docket No. 1576.104DV  
Customer No.: 24040

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Ryu SATO et al.  
Serial No.: unk  
Filed: March 10, 2004

M/S: New Application (FEE)  
Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

**List of Sections Forming Part of This Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

1. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
2. Copies of Listed Information Items Accompanying This Statement
3. Translation(s) of Non-English Language Documents
4. Identification of Person(s) Making This Information Disclosure Statement

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**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
(*When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.*)

I hereby certify that, on the date shown below, this correspondence is being:

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deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, Washington D.C. 20231  
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G facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

  
Signature

Date: March 10, 2004

Luann McCormick  
(type or print name of person certifying)

\* Only the date of filing (' 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under ' 1.8 continues to be taken into account in determining timeliness. See ' 1.703(f). Consider "Express Mail Post Office to Addressee" (' 1.10) or facsimile transmission (' 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

**Section 1. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)**

PTO/SB/08A and PTO/SB/08B

**Section 2. Copies of Listed Information Items Accompanying This Statement**

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) are provided in priority application 10/221,757 filed on September 12, 2002, and do not accompany this information disclosure statement.

**Section 3. Translation(s) of Non-English Language Documents**

English translations of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material have been provided in priority application 10/221,757 filed on September 12, 2002, and are not included in this information disclosure statement.

JP 62-184012  
JP 11-43448  
JP 3-132

**Section 4. Identification of Person Making This Information Disclosure Statement**

The person making this certification is:

- a. the practitioner who signs below on the basis of the information supplied by the inventor(s).

Date: 3-10-04

Reg. No.: 40,693  
Tel. No.: 727-538-3800  
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Dennis G. LaPointe  
Signature of Practitioner  
Dennis G. LaPointe  
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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	unk
		Filing Date	March , 2004
		First Named Inventor	Ryu SATO
		Art Unit	
		Examiner Name	
Sheet	1	of	Attorney Docket Number

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	2	JP 62-184012	08-12-1987	Hitachi et al.	1,2 and 1 - 8	Y
	3	JP 11-43448	02-16-1999	Nippon Soda Co Ltd	1 - 8	Y
	4	JP 3-132	01-07-1991	Kurita Water	1 - 8	Y

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
				<b>Application Number</b>	UNK
				<b>Filing Date</b>	March 2004
				<b>First Named Inventor</b>	Ryu SATO et al.
				<b>Art Unit</b>	
				<b>Examiner Name</b>	
Sheet	1	of	1	Attorney Docket Number	1576.104DV

<b>NON PATENT LITERATURE DOCUMENTS</b>		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	5	YUEZHONMENG ET AL., Crosslinking of poly (arylene disulfide)s and poly (arylene sulfane)s derived from cyclic (arylene disulfide) oligomers, 1999, Vol. 74, No. 13, pgs 3069-3077
	6	MARCEL PATEK ET AL., Safety-catch protecting groups in peptide synthesis, Collect. Czech. Chem. Comun., 1992, Vol. 57, No. 3, pgs 508-524
	7	SEEMON H. PINES, reinvestigation of the acetylation of thioanisolide. Effect of the mole ratio of aluminum chloride, J. Org. Chem., 1976, Vol. 41, No. 5, pgs 884-885
	8	HANS JOERG SCHNEIDER ET AL., Host-guest supramolecular chemistry. 34. The incremental approach to noncovalent interactions: culomb and van der Waals effects in organic ion pairs, J. Am. Chem. Soc, 1992, Vol 114, No. 20, pgs 7684-7703
	9	BRN 3504382 Beilstein abstract of J. Chem Soc. by Mustafa pp 353-354, 1949
	10	CA:110:153792 abs of Chemische Berichte by Duennebacke et al. 122(3) pp 533-5, 1989
	11	CA:93:167805 abs of Indian Journal of Chemistry Section B by Tadros et al.
	12	CA:111:56922 abs of Journal of American Chemical Society by Neumann 111(15) pp 5845-51
	13	CA:84:104662 abs of Journal of Organic Chemistry by Pines, S.H. 41(5) pp 884-5, 1976
	14	CA:132:50622 abs of Journal of Applied Polymer Science by Meng et al. 74(3) pp 3069-3077, 1999

Examiner Signature	Date Considered
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				
(Use as many sheets as necessary)				
Sheet	1	of	1	Attorney Docket Number
				1576.104DV

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.  
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